Index of Claims

| Application No. | Applicant(s)  |
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| 09/774,230      | FISHER ET AL. |
| Examiner        | Art Unit      |

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| ı | Interference |  |

Kim T. Huynh

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| Cla         | aim.     | Date     |              |  |              |          |  |                | Claim Date |  |        |              |          |                 |        |                 |                | Claim Date   |  |              |     |       |          |  |                |                 |           |           | $\neg$   |          |          |          |
|-------------|----------|----------|--------------|--|--------------|----------|--|----------------|------------|--|--------|--------------|----------|-----------------|--------|-----------------|----------------|--------------|--|--------------|-----|-------|----------|--|----------------|-----------------|-----------|-----------|----------|----------|----------|----------|
|             |          | 5        | П            | <u> </u>   | Ι-           | <u> </u> | Ť  | Γ              | Т          | -  |        | J.(          |          |                 | Τ      | ΠĪ              | Ť              | Τ            |  | 7            | ŀ   |       |          |  | $\neg \neg$    | Т               | Ť         | Ť         | Т        | $\top$   | Т        | ᅱ        |
| ত           | Original | 5º/6//01 |              |  | ]            |          |  |                |            | ļ  |        | ल            | Original |                 | 1      | H               | 1              |              |  |              |     | ल     | Original |  |                | ı               |           | -         |          |          |          |          |
| Final       | į        | 61       | 4            |  |              |          | 1  |                | 1 1        |  |        | Final        | Ē        |                 |        | 1               |                |              |  |              |     | Final | rig      |  |                | - 1             | - [       |           |          |          |          | i        |
| 1 -         | Ō        | a        | ۲,           |  |              |          |  |                | 1 1        |  |        | _            | 0        |                 | 1      |                 |                |              | 1 1  |              |     |       | 0        |  |                | - 1             | - {       |           |          |          |          |          |
|             | 1        | V        |              | -  |              | ╁        | 1  | +              | H          | $\dashv$   |        | _            | 51       | +               | 1 -    | t               | $\dashv$       | +            | $\vdash$   | $\dashv$     | ŀ   |       | 101      | 寸  |                | $\dashv$        | 寸         |           | T        | 十        | 十        | ヿ        |
| -           | 2        | 1/2      | <del> </del> | -  |              | 1        | <del>                                     </del> | H              | $\Box$     | $\neg$   |        |              | 52       | $\dashv$        | +-     | $\Box$          | 十              | ┪┈           | 1  | -            | t   |       | 102      | $\neg$   | 寸              | $\dashv$        | 寸         | $\dashv$  | _        | +        | 十        | ヿ        |
| -           | 3        | H        | -            | -  | $\vdash$     | +        | ╁╌   | ╁              | 1 1        |  |        |              | 53       |                 |        |                 | $\dashv$       | +            |  |              | ो   |       | 103      | _  | $\neg$         | $\dashv$        | T         | 寸         | _        | $\neg$   | $\dashv$ | ╗        |
|             | 4        | Ħ        |              | _  | $\vdash$     | ╁        | ╁  | $\vdash$       | +          | _  |        |              | 54       | $\dashv$        | _      | $\vdash$        |                | +            | 1 +  |              | ŀ   |       | 104      | 寸  | $\neg$         | $\dashv$        | 7         | 寸         | _        | $\neg$   | 十        | ヿ        |
| $\vdash$    | 5        | H        | H            |  | ╁╴           | $\vdash$ | +-   | +              | $\dagger$  | $\dashv$   |        |              | 55       |                 | +      |                 | -              | +            |  | -            |     |       | 105      | 寸  | $\neg$         | _               |           |           |          | 一        | $\neg$   | ヿ        |
| <b>—</b>    | 6        | H        | $\vdash$     | _  | ╆            | ╁        | +-   | ${\dagger}$    | 1 1        |  |        |              | 56       | -               | +-     | 1-1             | _              | +            | $\vdash$   |              | ŀ   | -     | 106      | _  |                | 7               | 寸         | $\dashv$  | $\neg$   |          | $\neg$   | ヿ        |
| -           | 7        | Н        | T            | _  | ╁╴           | ╁        | ╁  | T              | H          |  |        |              | 57       | $\dashv$        | +      | $\vdash$        | -              | $\top$       |  | $\dashv$     | ŀ   |       | 107      | _  | $\neg$         | 7               | 寸         | 寸         | $\neg$   | 十        | _        | ヿ        |
|             |          |          | ١.           |  | $\vdash$     | +-       | +-   | $\vdash$       | +          |  |        |              | 58       |                 | 1      | $\vdash \vdash$ |                |              | $\Box$   |              | ŀ   |       | 108      |  |                | 7               | $\neg$    | T         | T        | 十        | 十        | ヿ        |
|             | 9        | \$       | 7            |  | $\vdash$     | ┿        | ╁  | ╁┈             | T          |  |        |              | 59       |                 | 十      | +-+             |                | +            | $\vdash$   | 7            | 1   |       | 109      |  |                |                 |           | $\exists$ | $\dashv$ | 十        | $\neg$   | ヿ        |
| -           | 10       | _        | $\vdash$     | $\vdash$   | ╁            | ╁        | ╁╾   | +              | T          | _  |        |              | 60       |                 | $\top$ | 1-1             |                |              |  | -1:          | ŀ   |       | 110      | $\neg$   | _              | ┪               | $\exists$ | T         | T        | 十        | $\neg$   | ᅱ        |
| -           | 11       | _        | ╁            | _  | $^{\dagger}$ | ╁        | +  | t              |            |  |        |              | 61       |                 | +-     | 1               |                |              |  |              | -   |       | 111      | $\neg$   |                | 7               | T         | T         |          | $\top$   | $\neg$   | ヿ        |
| -           | 12       | ٣        | $\vdash$     | Н  | +-           | 1        | +  | T              | Н          |  |        |              | 62       | $\vdash$        | $\top$ | -               | $\dashv$       | $\top$       |  | 1            | ::  |       | 112      | $\neg$   | $\neg \dagger$ | $\dashv$        | 寸         | 寸         | $\dashv$ | 十        | $\top$   | ヿ        |
| <b></b>     | 13       | Ē        | T            |  | +-           | +        | +-   | 1              | $\forall$  | $\Box$   |        |              | 63       | $\vdash$        | $\top$ | $\vdash$        | $\dashv$       |              |  |              | ı   |       | 113      | $\neg$   | $\neg$         | $\neg \uparrow$ | 寸         | 寸         | $\dashv$ | $\top$   | $\dashv$ | ヿ        |
| <b>—</b>    | 14       | 1        | +            | $\vdash$   | $\vdash$     | +        | +-   | †              | +          |  |        | <b></b>      | 64       |                 | 1      | $\vdash$        | $\dashv$       | 1            |  | <b>-1</b> :: | ij  |       | 114      | $\exists$  | $\neg$         | $\neg$          | T         |           |          | $\dashv$ | $\dashv$ | $\neg$   |
|             | 15       | ┢╾       | ╁            | ╌  | +            | +        | +  | ╁              | 1          | _  |        |              | 65       |                 | +      | H               |                | _            |  | 7            | 1   |       | 115      |  | $\neg$         | $\dashv$        | T         | T         |          | 一        | T        | $\neg$   |
|             | 16       |          | +-           | ╁  | ╁            | +        | +  | +              | +          | _  |        |              | 66       |                 | +-     | $\Box$          | 十              | $\dashv$     |  | ::           | Ì   |       | 116      |  | $\dashv$       | 7               | _         | $\neg$    | $\neg$   | 十        | †        | ㅓ        |
|             | 17       | $\vdash$ | $\vdash$     | Н  | +            | ╁        | ╁  | <del> </del>   |            |  |        |              | 67       |                 |        | 1-1             | $\dashv$       | 1            | $\vdash$   | - :          |     |       | 117      |  | $\dashv$       | 1               | $\dashv$  | 寸         |          | 十        | 十        | ヿ        |
| -           | 18       | -        | $\vdash$     | ⊢  | ╁            | +        | ╁╴   | ╁              |            |  |        |              | 68       |                 | +      | $\vdash$        |                |              | H  | - :          | H   |       | 118      |  |                | 1               | $\dashv$  | 寸         | 一        | -        | 寸        | ᅥ        |
| -           | 19       | -        | +            | $\vdash$   | +            | +-       | ╁╴   | +-             | 1          |  |        |              | 69       |                 | +      | 1-1             | $\dashv$       | $\top$       | $\vdash$   | -            | H   |       | 119      |  |                | 寸               | 寸         | 寸         | 十        |          | $\dashv$ | ᅥ        |
| <b>-</b>    | 20       |          | +            | $\vdash$   | +            | ╁╴       | ╁  | +              | +          |  |        |              | 70       |                 | +-     | 11              | $\dashv$       | +            | ╁  | -            | H   |       | 120      |  | $\dashv$       | 寸               | $\dashv$  | 一         |          | 一十       | 十        | 一        |
|             | 21       | H        | +            | ┢  | +            | ╁        | +  | ╁              | +          |  |        |              | 71       | $\vdash$        |        | ++              | $\dashv$       | +            | ╆┈┼  | $\dashv$     | Ì   | -     | 121      |  | $\dashv$       | $\dashv$        | 一         | _         | $\dashv$ | $\dashv$ | 十        | ┪        |
|             | 22       | 1        | -            | ┢  | ╁            | ╁        | +  | ╁              | +          |  |        |              | 72       |                 |        |                 | 十              |              | Ħ  | -            |     |       | 122      |  |                | 十               | _         | 寸         |          | 十        | 十        | ᅥ        |
| -           | 23       | ╁        | ╁╴           | ╁  | ╁            | +        | +  | +-             | +          | -  |        |              | 73       | $\vdash$        | +      | Н               | _              |              | T  | -            |     |       | 123      |  |                | _               | _         |           |          | 一        | $\neg$   | $\neg$   |
| _           | 24       | -        | +-           | -  | ╁            |          | ╁╌   | <del>  -</del> | +-         |  |        |              | 74       | -               | +      | 1 1             |                | $\top$       | H  | -1:          |     | -     | 124      |  |                | 寸               | 1         | 1         | $\dashv$ | -†       | 寸        | ヿ        |
| -           | 25       | -        | +-           | $\vdash$   | +            | +        | +-   | +              | +          |  |        | <b></b> -    | 75       | $\vdash$        | $\top$ | 1-1             | $\neg \dagger$ | +            | 1 1  | -            |     |       | 125      |  | $\Box$         | 寸               | $\dashv$  |           |          | $\neg$   | 寸        | ヿ        |
| _           | 26       |          | ╁            | H  | ┰            | +-       | ╁╌   | ╁╌             |            |  |        | <b></b>      | 76       |                 | +-     | 1               |                | <del> </del> | $\vdash$   | 1            |     |       | 126      |  | $\Box$         | 寸               | $\neg$    |           |          | $\neg$   | 寸        | $\neg$   |
| -           | 27       |          | ┢            | <u> </u>   | ╁╌           | ╁╴       | +  | +              | +          |  |        |              | 77       |                 | +      | $\Box$          | $\neg$         | +-           |  | -1           |     |       | 127      |  | $\Box$         |                 | _         |           |          |          | 寸        | $\neg$   |
|             | 28       |          | ╁            | <u> </u>   | +-           | ╁        | ┿  | +              | +          |  |        |              | 78       |                 | _      | $\vdash$        |                |              | <del>                                     </del> | -            |     |       | 128      |  | $\Box$         | _               | $\neg$    | 寸         | 一        | $\neg$   | $\neg$   | $\neg$   |
|             | 29       | $\vdash$ | +            | <del>                                     </del> | +            | ╁        | +-   | +              | +          | _  |        |              | 79       | -               |        | +               | $\neg$         |              | † †  | ⊣:           |     |       | 129      |  | $\vdash$       | $\dashv$        |           | 寸         | 7        | 一        | $\dashv$ | $\neg$   |
| <del></del> | 30       | H        | +            |  | ╁            | ╂        | ╁  | +              | +          |  |        |              | 80       |                 | +-     | $\dagger$       | $\dashv$       | +            | <del>                                     </del> | -1           |     |       | 130      |  |                | 一               |           |           | 7        | 十        |          | $\dashv$ |
|             | 31       | ├        | +            | $\vdash$   | +            | ┿        | +-   | +-             | +          | $\vdash$   |        |              | 81       |                 | +      | +-              | $\dashv$       | +            | ++   | ::           |     |       | 131      | -  | Ħ              | 十               |           | 寸         | $\dashv$ | 十        | 1        | 一        |
| -           | 32       | ├─       | ╁            | $\vdash$   | +            | +        | ╁╴   | ╁╴             | +          | ┢  |        |              | 82       |                 |        | 1               | $\dashv$       | +            | $\vdash$   | -1:          |     |       | 132      | _  | $\vdash$       | $\dashv$        | 寸         | _         |          | $\neg$   | ヿ        | 一        |
| -           | 33       | ├-       | +            | ╁  | ╁            | ╁╌       | ╁╴   | +              | +          | ⊢  |        |              | 83       | $\vdash$        |        |                 |                |              | + +  | ::           |     |       | 133      |  | H              | $\dashv$        | $\neg$    | _         | 7        | $\neg$   | 寸        | ᅥ        |
| -           | 34       | ┝        | ╁            | ╁  | ╁            | ╁╌       | ╁  | ╁              | +          | $\vdash$   |        |              | 84       | $\vdash$        |        | +               |                | +            | +  |              |     |       | 134      |  | H              | 7               |           | 7         | T        | $\neg$   | _        | ᅱ        |
| -           | 35       | $\vdash$ | +            | +-   | +-           | +-       | +-   | +              | +          | -  |        | <del> </del> | 85       | $\vdash$        | +-     | $\vdash$        | $\dashv$       | +            | † †  | 1            |     |       | 135      |  | H              | 寸               |           | 寸         | $\dashv$ | $\dashv$ | 一        | ᅱ        |
|             | 36       | $\vdash$ | +            | -  | ╁            | +-       | +  | +              | + -        | $\vdash$   |        | $\vdash$     | 86       | $\vdash$        | $\top$ | $\vdash$        | $\dashv$       | +            | 1 1  | ٦:           |     |       | 136      | П  | $\vdash$       |                 | _         | _         |          |          | 一        | $\dashv$ |
| -           | 37       | $\vdash$ | +            | +-   | +            | +        | +  | +              | + -        | $\vdash$   |        | $\vdash$     | 87       | H               | $\top$ | Н               | -+             | $\top$       | +  | -            |     |       | 137      | Н  | $\vdash$       | _               | $\dashv$  | $\dashv$  | $\dashv$ | _        | $\dashv$ | $\dashv$ |
| $\vdash$    | 38       | $\vdash$ | +-           | $\vdash$   | +-           | +        | +  | +              | +          |  |        |              | 88       | +               | +      | +-              |                | $\top$       | +  | $\dashv$     |     |       | 138      | 一  | $\vdash$       | $\neg$          | $\dashv$  | _         | 一        | _        | $\dashv$ | ᅱ        |
|             | 39       | 1        | +            | +-   | +            | +        | +  | +-             | ╁          |  |        | <u> </u>     | 89       | +               | $\top$ | +               | $\dashv$       | $\top$       |  |              |     |       | 139      | Г  | $\vdash$       | _               | $\dashv$  | $\neg$    |          | $\top$   | $\dashv$ | $\dashv$ |
| -           | 40       | +        | +            | H  | +            | 十        | +-   | +-             | +          |  | 1      | <u> </u>     | 90       | $\vdash$        | $\top$ | $\vdash$        | $\dashv$       |              | +  | $\dashv$     |     | _     | 140      | <b>—</b>   |                | _               | 一         | _         | $\neg$   | $\dashv$ | $\dashv$ | $\neg$   |
|             | 41       | ╁        | +            | +  | +            | +-       | +-   | +-             | +          |  | 1      |              | 91       |                 | +      | $\top$          | $\dashv$       | $\top$       | <del>     </del>                                 | -1           |     | _     | 141      |  | $\Box$         | $\dashv$        | _         | _         | 寸        | $\dashv$ | $\dashv$ | ᅱ        |
| -           | 42       | +-       | +            | ╁  | +            | +        | +  | +              | +          | $\vdash$   | 1      | $\vdash$     | 92       | ++              | $\top$ | +-              | $\dashv$       | +            | † †  | -            |     | _     | 142      |  | $\vdash$       |                 |           |           | $\neg$   | $\dashv$ | 寸        | $\dashv$ |
| -           | 43       | +-       | +            | +  | +            | +        | +-   | +              | +          | $\vdash$   | l      | $\vdash$     | 93       | <del>   -</del> | $\top$ | T               | $\vdash$       |              | 1-1  | -            |     |       | 143      |  | Н              |                 |           |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$    | 44       | +        | +            | $\vdash$   | +-           | +-       | +-   | +              | +          | <del>                                     </del> | 1::::  | <u> </u>     | 94       |                 | $\top$ | 1               | $\dashv$       | $\top$       | ++   | 1            |     |       | 144      | T  | H              | _               | $\neg$    |           | $\neg$   | $\dashv$ | 寸        | $\dashv$ |
| -           | 45       | H        | +            | ╁╌   | +-           | +        | ┿  | +              | +          | <del> </del>                                     |        | _            | 95       |                 | ┪┈     | $\top$          | $\dashv$       | $\top$       | † †  | -            |     |       | 145      | H  | H              | _               | $\neg$    |           |          | $\dashv$ | $\dashv$ | $\dashv$ |
| -           | 46       | H        | +            | +  | +            | +        | +  | +              | +          | <del> </del>                                     |        |              | 96       | $\vdash$        | -      | T               | +              | $\dashv$     | +  | 1            |     |       | 146      | T  | H              |                 | _         |           | $\neg$   | $\dashv$ | 一        | $\neg$   |
| -           | 47       | $\vdash$ | +-           | +  | ╁            | +        | +  | +              | +          | <del>                                     </del> | 1      | <del></del>  | 97       | $\vdash$        | +      | T               | $\vdash$       | $\dashv$     | +  | -            |     |       | 147      | T  | 1              | 寸               |           | $\Box$    |          | $\sqcap$ | _        | -        |
|             | 48       | +        | +-           | +  | +            | ╁╴       | +  | +              | +          | -  |        |              | 98       | +               | +      | T               | $\vdash$       | ╅            | 11   | -            |     |       | 148      | <del>                                     </del> | H              | $\dashv$        |           | $\vdash$  | $\vdash$ | 一        | ᅥ        | $\dashv$ |
|             | 49       | +-       | +            | +  | +            | +        | +  | +              | +-         | $\vdash$   | 1      | $\vdash$     | 99       | +               | +      | 1               | $\dashv$       | $\top$       | 1 1  | -            |     | -     | 149      | Т  | П              | $\dashv$        | $\exists$ | $\Box$    |          | $\sqcap$ | $\neg$   | $\dashv$ |
|             | 50       | $\vdash$ | ╁            | +  | +            | +        | +  | +-             | +          | 1  |        |              | 100      | +               | $\top$ | $\top$          | $\vdash$       |              | ++   | -            |     | _     | 150      |  | H              | _               |           |           |          | $\sqcap$ | 一        |          |
| Щ.          | 1 30     | Щ.       |              | Ι.   |              |          |  |                |            |  | ]::::: |              | 1,00     |                 |        |                 |                |              |  | :            | ::: | Щ     | ,        | 1  | L              |                 |           |           |          |          | 1        |          |